

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	280	96/384,380-387.ccls. and ((reduc\$5 or minimiz\$) near4 (noise or sound))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:47
L2	8	1 and ((cyclonic or cyclone) same (vacuum near3 cleaner))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:49
L3	20	1 and ((cyclonic or cyclone))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:50
S1	13	((TIMOTHY) near2 (FRENCH)).INV.	US-PGPUB; USPAT	OR	ON	2008/08/24 18:59
S2	5	((RICARDO) near2 (GOMI CIAGA-PEREDA)).INV.	US-PGPUB; USPAT	OR	ON	2008/08/24 19:00
S3	1	((JOHN) near2 (RERRIE)).INV.	US-PGPUB; USPAT	OR	ON	2008/08/24 19:01
S4	16	((ANDREW) near2 (STOKES)).INV.	US-PGPUB; USPAT	OR	ON	2008/08/24 19:01
S5	1235	55/459.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/24 19:02
S6	686	55/dig.3.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/24 19:03
S7	139	S5 and S6	US-PGPUB; USPAT	OR	ON	2008/08/24 19:03
S8	27252	(cyclone\$1 or cyclonic) and (separat \$4)	US-PGPUB; USPAT	OR	ON	2008/08/24 19:04
S9	34903	outlet and conduit and groove\$1	US-PGPUB; USPAT	OR	ON	2008/08/24 19:05
S10	602	S8 and S9	US-PGPUB; USPAT	OR	ON	2008/08/24 19:05
S11	4	((("0522769") or ("2771157") or ("5498273") or ("20010042283"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/08/25 08:29
S12	8	("5498273").URFN.	USPAT	OR	ON	2008/08/25 08:34
S13	40955	(cyclone\$1 or cyclonic or vortex) and (separat\$4 or tube)	USPAT	OR	ON	2008/08/25 08:51
S14	27543	55/'\$.ccls.	USPAT	OR	ON	2008/08/25 08:52
S15	2361	S13 and S14	USPAT	OR	ON	2008/08/25 08:52
S16	94641	outlet and groove\$1	USPAT	OR	ON	2008/08/25 08:53
S17	235	S15 and S16	USPAT	OR	ON	2008/08/25 08:53
S18	47	55/448.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 10:05
S19	61	55/450.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 10:12
S20	14944	groove\$1 with (interior or inner) with (tube or pipe or conduit)	US-PGPUB; USPAT	OR	ON	2008/08/25 10:16

S21	30064	"55"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 10:17
S22	93	S20 and S21	US-PGPUB; USPAT	OR	ON	2008/08/25 10:17
S23	0	"95"/\$ ccls	US-PGPUB; USPAT	OR	ON	2008/08/25 10:25
S24	15915	"95"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 10:25
S25	20	S20 and S24	US-PGPUB; USPAT	OR	ON	2008/08/25 10:26
S26	46	S20 and "96"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 10:28
S27	522	"138"/\$ ccls. and S20	US-PGPUB; USPAT	OR	ON	2008/08/25 10:39
S28	16	("4248179").URFN.	USPAT	OR	ON	2008/08/25 11:16
S29	12	("1110127"   "2491692"   "2525092"   "3088494"   "3217799"   "3885622"   "3930627").FN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 11:19
S30	686	55/dig.3.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 13:20
S31	199	55/447.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 17:21
S32	0	55/384.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 17:26
S33	75	96/384.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 17:26
S34	45	96/387.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/25 17:28
S35	3	((("6238451") or ("7044210") or ("20030209128"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/08/25 17:30
S36	140146	outlet with (conduit or tube)	US-PGPUB; USPAT	OR	ON	2008/08/26 09:36
S37	18363	(cyclone or cyclonic) with separat\$3	US-PGPUB; USPAT	OR	ON	2008/08/26 09:37
S38	5243	(groove or grooves) same S36	US-PGPUB; USPAT	OR	ON	2008/08/26 09:37
S39	36	S38 and S37	US-PGPUB; USPAT	OR	ON	2008/08/26 09:37
S40	3	55/414.ccls. and 55/416.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/26 10:04
S41	140	55/459.1.ccls. and 55/dig.3.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/26 10:05
S42	605	96/380-386.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:23
S43	1491	(cyclone or cyclonic) and (vacuum adj cleaner)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:24
S44	209004	((reduc\$5 or minimiz\$) near4 (noise or sound)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:26
S45	36	((cyclone or cyclonic) and (vacuum adj. cleaner)) with ((reduc\$5 or minimiz \$) near4 (noise or sound))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:27

S46	104	((cyclone or cyclonic) with ((reduc\$5 or minimiz\$) near4 (noise or sound))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:33
S47	7	S46 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:33
S48	354	((181/231 or 15/326,347,353).ccls. and ((reduc\$5 or minimiz\$) near4 (noise or sound))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 12:30
S49	20	((cyclone\$1 or cyclonic or vortex) and (separat\$4 or tube) and (plurality with groove\$1)).clm.	US-PGPUB	OR	ON	2009/01/14 13:01
S50	2	((cyclone\$1 or cyclonic or vortex) and separat\$4 and (plurality with groove \$1) and conduit).clm.	US-PGPUB	OR	ON	2009/01/14 13:04
S51	19	((cyclone\$1 or cyclonic or vortex) and separat\$4 and (plurality with groove \$1)).clm.	US-PGPUB	OR	ON	2009/01/14 13:05
S52	114	55/447,448,450,459.1,384, dig.3,414,416.ccls. and ((reduc\$5 or minimiz\$) near4 (noise or sound))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 13:17
S53	49	((cyclone or cyclonic or vortex) with (vacuum adj cleaner)) and ((reduc\$5 or minimiz\$) near4 (noise or sound))	JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 13:22
S54	50	((cyclone or cyclonic or vortex) with (vacuum adj cleaner)) and ((reduc\$5 or minimiz\$) near4 (noise or sound))	EPO; JPO; DERWENT	OR	ON	2009/01/14 13:22

1/14/2009 3:51:18 PM

C:\Documents and Settings\dbui1\My Documents\EAST\Workspaces\10565967.wsp